

# MARSHALL STAR

Serving the Marshall Space Flight Center Community

Dec. 11, 2003

## Marshall Center team sets new Combined Federal Campaign record

***More than \$595,000 pledged to benefit area charities***

by Grant Thompson

**M**arshall Center team members have pledged \$595,150 to the Combined Federal Campaign, a new pledging record, exceeding this year's goal by more than \$95,000.

The local Combined Federal Campaign is a collective effort by federal agencies, including the Marshall Center's civil servant and contract personnel, to raise money for charities in Huntsville, its surrounding areas and across the country. For this year's campaign, featuring the theme "You Are Not Alone," the Marshall Center had a fundraising goal of \$500,000, its highest target ever.

"Once again, the Marshall team

realized the importance of giving and stepped up to the challenge of our substantial goal this year," said Carolyn McMillan, chairperson of the Marshall Center campaign. "The funds donated will directly affect those in our community, so everyone will be able to see the benefits of their generosity."

Marshall team members also generously gave their time to local charities, including Care Assurance Systems for the Aging and Homebound of Madison County (CASA), Habitat for Humanity, Huntsville Hospital, Huntsville Land Trust, the American Red Cross and Big Brothers/Big Sisters of Madison County. Marshall volunteers

*See CFC on page 2*



Photo by Doug Stoffer, NASA/Marshall Center

### ***Holiday Reception cheer***

Marshall team members spread good cheer at the Center's annual Holiday Reception on Dec. 3. Helping celebrate the occasion are, from left, Lisa King, wife of Marshall Director David King; Alex McCool, Angela Storey, Andrea Ise and Center Director King. For more photos from the event, see page 4.

## Huntsville area schools win grants for NASA rocketry program

by Grant Thompson

**S**tudent groups from Lee High School and New Century Technology High School, both of Huntsville, and Athens Bible School in Athens, have each been awarded a grant of \$2,500 to participate in NASA's Student Launch Initiative.

Managed by the Education Programs Department at the Marshall Center, the Student Launch Initiative seeks to motivate students to pursue careers in science, math and engineering. It allows teams of high school students to experience hands-on, practical aerospace and engineering projects similar to what they would find in a professional environment.

Under the guidance of engineers at the Marshall Center, students design, build and launch a rocket as a first step toward the goal of ultimately flying to an altitude of 1 mile.

*See Schools on page 3*

## National Park Service selects Historic Redstone photo as winner

***Marshall team member's entry  
takes first place in Southeast region***

by Mike Wright

**M**arshall team member Ralph Allen's photo of the Historic Redstone Test Stand has been selected as a winner in a National Park Service photography contest.

Allen, facilities planner and cultural and historic preservation manager for the Marshall Center, submitted the photograph as part of the "Imaging Our National Heritage" contest sponsored by the National Historic Landmarks Program. There were 162 entries from 30 states in five different National Park Service regions.

*See Photo on page 2*

## CFC

*Continued from page 1*

worked to build handicap accessibility ramps for homes; cleared wooded walking trails, making them safe for walkers; and refurbished and painted homes in disrepair.

## Photo

*Continued from page 1*

Allen won first place in the Southeast Region category.

Allen learned about the contest last summer. "I had hoped Marshall could submit a photograph taken by the Center's professional Imaging Services team," he said. "That team has taken some fantastic photos of our Marshall landmarks. Unfortunately, the rules prohibited submitting photos taken by a professional."

The photographer also had to use a 35mm single-lens reflex camera.

Allen became interested in photography during college. "I used most of what I saved from my first college job to buy my first real camera," he said. "I think it cost about \$100."

Now an architect, Allen's photographic interests naturally relate to buildings and their details. His wife Linda loves to photograph old gas stations, early auto courts and unusually shaped buildings.

"When we travel, we take the old national highways – they're called 'Blue Star' highways," Allen said. "We may only travel 100 miles in a day, but we see and photograph architectural treasures and oddities that you will never see on the interstate highways."

It was the unusual architectural detail of the Redstone test stand surrounded by wildflowers that inspired Allen's contest entry. "It was just a great shot," he said.

The test stand was used during early development of Redstone missile propulsion systems in the 1950s. It was the test stand where the modified Redstone missile that launched the first

Fund raising in the federal workplace was begun in 1961, when President John F. Kennedy signed an executive order to authorize the U.S. Civil Service Commission to develop guidelines and regulate

fundraising in the federal service. Since 1990, the Combined Federal Campaign has collected \$2.7 billion for charities.

*The writer, an employee of ASRI, supports the Media Relations Department.*

American into space, Alan Shepard, was static tested as the last step before his 1961 flight.

In 1986, the U. S. Department of the Interior's National Park Service designated four Marshall Center facilities as National Historic Landmarks. On July 15, 1987, a fifth designation was

announced. The first four facilities are the Redstone Test Stand, Propulsion and Structural Test Facility, Saturn V Dynamic Test Stand, and Neutral Buoyancy Simulator. The Saturn V on display at the U.S. Space & Rocket Center represents the fifth designation.

Designation as a National Historic Landmark automatically places a property in the National Register of Historic Places and extends special safeguards and benefits provided by federal law. The purpose of National Historic Landmark designation is to identify and recognize nationally significant sites.

"Landmarks are chosen after careful study by the National Park Service," Allen said. "They are evaluated by the National Park System Advisory Board and designated by the Secretary of the Interior in accordance with the Historic Sites Act of 1935 and the National Historic Preservation



**Ralph Allen's winning photo of the Historic Redstone Test Stand at the Marshall Center.**

Ralph Allen

Act of 1966."

To see the winning photos, go to <http://nps.gov/nero/nhl/WinnerIVSoutheast.htm>.

*The writer is the Marshall Center historian.*

## Marshall Star, Daily Planet to take a holiday break

**T**he Marshall Star, which is published 50 times per year, will not publish for two weeks during the holiday season.

The last issue of the year will be Dec. 18. Publication will resume Jan. 8. The Star office will close Dec. 17 and reopen Jan. 5. Classified ads may still be submit-

ted during this time for future publication.

The Daily Planet will cease publication Dec. 22 and resume Jan. 5.

# Steven Pearson named deputy manager of Avionics at Marshall

by Jack Robertson

Steven D. Pearson has been named deputy manager of the Avionics Department in the Engineering Directorate at the Marshall Center.

Pearson also has been appointed to the federal government's Senior Executive Service — the personnel system that covers most of the top managerial, supervisory and policy positions in the executive branch of the federal government.

He will assist in leading more than 200 NASA team members who work on research, design, development, testing and verification of advanced flight and ground support avionics systems. These systems include all of the electrical and electronic hardware and software necessary for avionics architectures and their associated flight and ground support.

Since 1999, Pearson has served as manager of the Engineering Technology Development Office and chief technologist in the Engineering Directorate.

He began his career at NASA in 1979 as an engineering co-op student at the Marshall Center. Pearson joined the Agency full-time as an electrical engineer



Marshall Imaging Services

Pearson

in 1981 and became the team lead for the Electromagnetic Compatibility and Lightning Safety Protection Team in 1991. He was named branch chief for the Electromagnetics and Aerospace Environments Branch in 1993 and program manager of NASA's Space Environments and Effects program in 1995 — an effort that identifies effects from the harsh environments of space, and development of ways to control or alleviate the problems.

Pearson is a second-generation NASA

employee. His father, Pete was a mechanical engineering technician at the Marshall Center during the Apollo and Skylab era.

Pearson received NASA's Outstanding Leadership Medal in July 2003 for development of state-of-the-art advanced technologies in support of NASA programs and projects.

In 2002, Pearson was named an Associate Fellow in the American Institute of Aeronautics and Astronautics, the nation's largest society devoted to the advancement of aviation, space and defense. The institute also recognized Pearson in 1998 with its Holger Toftoy award for outstanding technical management in the fields of aeronautics and astronautics. Pearson represents the Marshall Center on the institute's Technical Committee on Management.

Pearson, a Huntsville native, received his bachelor's degree in engineering from the University of Alabama in Huntsville in 1981. He earned his master's degree in engineering management from the Florida Institute of Technology in Huntsville in 1986.

*The writer, an employee of ASRI, supports the Media Relations Department.*

## Schools

*Continued from page 1*

High schools within a 50-mile radius of Huntsville can submit proposals for participation in the Student Launch Initiative program. This school year's launch event, set for spring 2004, will feature the three Huntsville area teams launching their rockets.

"There's a real need to excite young people about careers in science and engineering, and we believe the Student Launch Initiative can help," said Jim Pruitt, manager of the Marshall Education Programs Department. "It gives them a preview of what it's like to actually work in an engineering environment, and this exposure could inspire the students to be our next generation of explorers."

Lee High School accepted its grant award Tuesday. New Century Technology High School and Athens Bible School will announce their awards in assemblies later this month.

*The writer, an employee of ASRI, supports the Media Relations Department*



Photo by Emmett Given, NASA/Marshall Center

Will Minor, left, a junior at Lee High School in Huntsville, accepts a Student Launch Initiative team poster from Marshall's Garry Lyles, manager of NASA's Next Generation Launch Technology Program, during a ceremony at the school Tuesday.

# 'Skies Filled with Wonder' at Marshall Holiday Reception

The annual Marshall Holiday Reception was held Dec. 3 in the Center Activities Bldg. 4316.

This year's theme was "Skies Filled with Wonder" to commemorate 100 years of powered flight and beyond.

Marshall team members were treated to live music, door prizes and a variety of holiday foods. The event also was a collection point for Marshall team members to bring non-perishable food items for donation to the North Alabama Food Bank.



These "CaER" team members are filled with the holiday spirit. From left are Renee Reynolds, Sandra Hall, Customer and Employee Relations Directorate Director Tereasa Washington, Tricia Kennedy and Cassandra Pitts.

Photos by Doug Stoffer, NASA/Marshall Center



Marshall Director David King wishes the Center team happy holidays.



One of Santa's elves in the person of Linda Mays joins the festivities.



Enjoying the punch and food are, from left, Dickie Sledge, Violet Washington, Heather Day and Sitra Battle.



Lucas Garza, left, looks at a poster illustrating the Wright Brothers' flying machines while Marshall historians Bob Jaques, center, and Mike Wright explain significant dates. The century of heavier-than-air powered flight began Dec. 17, 1903, though some might argue the introduction of the sled and eight reindeer came earlier.



A holiday wonderland awaits Marshall team members just before the annual Holiday Reception begins.

# A materials knowledge management revolution emerges

## ***MAPTIS-II allows easy access of aerospace, materials, processes and manufacturing knowledge***

by Michael Mitchell

**A**n easily accessible system for accessing knowledge of aerospace materials, processes and manufacturing is up and running at the Marshall Center.

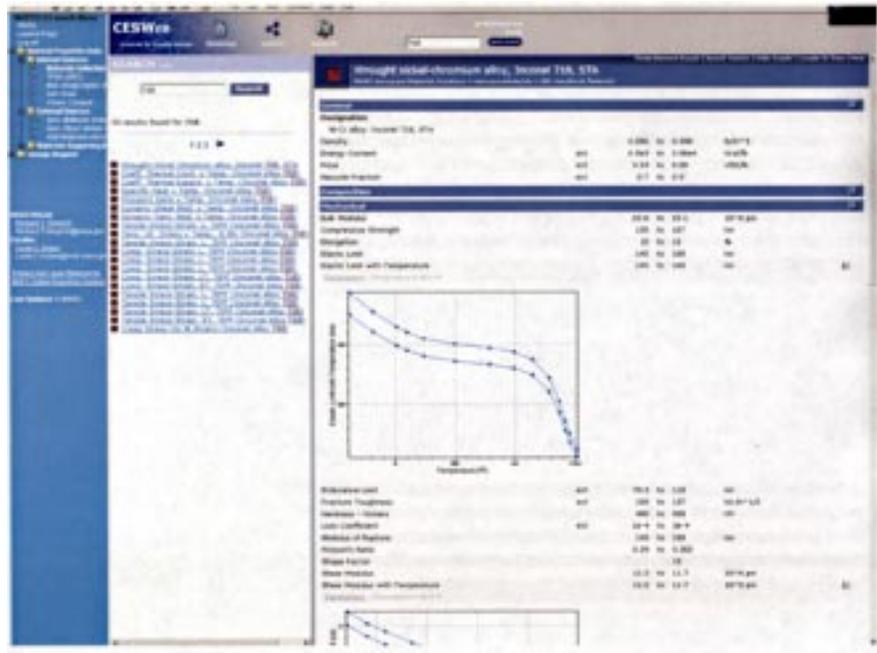
The Materials and Processes Technical Information System (MAPTIS-II), is a Web-based information technology tool for engineers, scientists and technologists. The MAPTIS-II system contains physical, mechanical and environmental properties for metallic and non-metallic materials and offers services to acquire, process and distribute knowledge of materials, materials properties and materials processes, and manufacturing.

Managed by the Marshall Center's Materials, Processes and Manufacturing Department, the goal of MAPTIS-II is to provide a single-point source for materials properties for NASA and NASA-associated contractors and organizations. Marshall's Project Engineering Group, in conjunction with Computer Sciences Corp., developed MAPTIS-II in response to the Agency's One NASA initiative and President Bush's E-Business directive.

MAPTIS-II also allows engineers, analysts, designers, researchers and other authorized users continuous remote access to a variety of standards and databases from a single interface. Using the eXtensible Markup Language allows the system to capitalize on the latest Internet and browser technology to exchange information. The eXtensible Markup Language represents a key advance in Web technology by enabling secure electronic commerce on an expanded scale that is at the heart of a new generation of distributed applications.

MAPTIS-II offers powerful searching tools for users to locate appropriate information by keyword, name or by describing a given set of characteristics materials must possess. It is quick and easy for users to locate and understand materials data for a given application. Basic material property information can be accessed along with much more complex multi-dimensional data in a way that is revolutionizing how NASA will complement engineers who conduct design and analysis activities. Advanced software technologies enables MAPTIS-II to retrieve and format internal NASA materials design data along with standard reference information traditionally offered in less adaptive forms.

Utilizing commercial-off-the-shelf software packages, the MAPTIS-II development team tailored applications to house tens-of-thousands of data and test records that were originally



Materials information that may be acquired using a standard Web browser.

Marshall Imaging Services

stored in legacy database systems. An XML-based commercial-off-the-shelf package allowed the application development team to render detailed data into information that is easily accessible via a Web browser.

The Marshall Center's Materials Processes and Manufacturing Department specializes in the complexities of understanding the behavior of materials and their processes. Today, the department is mastering methods to acquire, manage and circulate its knowledge via MAPTIS-II.

To apply to be a MAPTIS-II user, go to <http://maptis.nasa.gov/>. For more information, call Michael Mitchell, MAPTIS-II development lead, at 544-2491.

*The writer is an aerospace technologist in the Project Engineering Group of the Materials Processes and Manufacturing Department.*

### **ODIN property tips**

- ☛ How do I request ODIN equipment to be moved?  
Go to <https://srs.msfc.nasa.gov/catalog/bin/home.asp>
- ☛ How do I change location information?  
Contact your Organizational Chief Information Officer and he/she will submit the information.
- ☛ Whom should I contact regarding ODIN property information?  
Send a message to: [Odin.Property@msfc.nasa.gov](mailto:Odin.Property@msfc.nasa.gov)

# NASA Deputy Administrator Frederick D. Gregory honored

Headquarters release

**N**ASA Deputy Administrator Frederick D. Gregory has been selected as one of the 50 Most Important African-Americans in Technology for 2004.

The award is from the editors of "Blackmoney.com" and "U.S. Black Engineer & Information Technology" magazine. Gregory will be featured in the January/February issue of the publication.

Honorees are selected based on their work in making technology part of global society. Their accomplishments are upheld as examples of the important contributions made on a daily basis by the half-million African-Americans in high-tech jobs.

"I'm pleased that Fred's commitment to NASA and his ongoing efforts to make this agency's mission relevant are being recognized," said NASA Administrator Sean O'Keefe. "He is a role model for a new generation of explorers, and I'm sure the entire NASA family joins me in congratulating Fred's selection for this award."

As deputy administrator, Gregory serves as the chief operating officer for NASA and reports directly to the administrator. He is responsible for directing and managing many of the agency's programs as well as day-to-day operations and activities.

Prior to becoming deputy administrator, Gregory served as the

associate administrator for Space Flight. He was responsible for overseeing the management of the International Space Station; Space Shuttle operations; Space Access using Expendable Launch Vehicles for commercial launch services; Space Communications; and Advanced Programs. He held that position from December 2001 to August 2002.

From June 1992 to December 2001, he was the associate administrator for the Office of Safety and Mission Assurance at NASA Headquarters. As associate administrator, he was responsible for assuring the safety, reliability, quality, and mission assurance of all NASA programs.

Gregory has extensive experience as an astronaut, Space Shuttle commander, test pilot, manager of flight safety programs and launch support operations.

He will receive the award at a ceremony Feb. 20 in Baltimore. Additional information about Gregory is available on the Internet at: [http://www.nasa.gov/about/highlights/AN\\_Feature\\_Deputy.html](http://www.nasa.gov/about/highlights/AN_Feature_Deputy.html).

More information about the 2004 "50 Most Important African-Americans in Technology" list is available on the Internet at: <http://www.blackmoney.com> or at <http://www.blackengineer.com>.

## Obituaries

**William "Bill" Heuser, 78**, of Huntsville, died Nov. 11. Funeral services were held at St. Mary of the Visitation Church with the Rev. Glen Sayers officiating.

Burial was in Maple Hill Cemetery with Laughlin Service Funeral Home directing.

Heuser was born June 24, 1925, in Louisville, Ky. He was a World War II veteran of the U.S. Army Air Corps and retired from the Marshall Center in 1987 where he worked as an aerospace engineer. During his 23 years of service with

NASA, he was awarded numerous special service awards. He was a member of the National Association of Retired Federal Employees and a member of the Senior Friends.

He is survived by his wife, Nora Heuser; two sons, Stephen Michael Heuser of Charlotte, N.C., and Kim Alan Heuser of Plano, Texas; one daughter, Sandra Jean Wesson of Boca Raton, Fla.; one sister, Mary Laverne Krish of Louisville, Ky.; and three grandchildren.



Photo by Emmett Given, NASA/Marshall Center

### Leadership class tours Marshall Center

Sonja Farrell, director of physical therapy at Crestwood Medical Center in Huntsville, reads about reactor concepts while Jim Martin, background, explains aspects of non-nuclear testing to members of this year's Leadership Huntsville-Madison County class. Farrell and other class members toured the Marshall Center, including its Early Flight Fission Chamber, on Dec. 3.

### Energy Tip

**B**efore applying new caulk, old caulk or paint residue around a window or door should be removed. Use a putty knife, stiff brush, or special solvent to remove old caulk. The best time to apply new caulk is during dry weather when the outdoor temperature is above 45 degrees Fahrenheit. Low humidity is important during application to prevent cracks from swelling with moisture. Warm temperatures are necessary so the caulk will set properly and adhere to the surface.

# Announcements

## Tactical Interceptor Design Symposium set for Jan. 16

**A** Tactical Interceptor Design Symposium will be from 8 a.m.-4:30 p.m. Jan. 16 in the Tom Beville Center at the University of Alabama in Huntsville. The event is sponsored by the university and the American Institute of Aeronautics and Astronautics. For more information go to <http://www.eb.uah.edu/ipt/>.

## Marshall Exchange Council election ends Friday

**T**wo Marshall employees, Tereasa Danne and George S. Mitchell, are vying to fill one vacancy on the Marshall Exchange Council. Civil servants must cast their vote by Friday. The Exchange Council develops an annual budget to support various morale and welfare activities on behalf of Marshall team members. For more information, see "Inside Marshall" or go to <http://ntf-2.msfc.gov/exchange.nsf>.

## NASA Ski Week set for January

**T**he 13th annual NASA Ski Week will be in Steamboat, Colo., Jan. 24-31. Skiers from nine NASA centers will participate in winter sports and camaraderie at the 3,000-acre resort. All Marshall team members, retirees and family members, are eligible to participate. For more information, call 233-0705 or e-mail [tom.dollman@nasa.gov](mailto:tom.dollman@nasa.gov).

## CAIB report volumes available

**V**olumes II-VI of the Columbia Accident Investigation Board report are available on the NASA Web site at [www.nasa.gov](http://www.nasa.gov). These volumes contain appendices and additional information, which provides supporting documentation for the main text of Vol. I of the report. Hard copies of the Volumes I-VI are available through the Government Printing Office and can be ordered at [www.gpo.gov](http://www.gpo.gov).

**For more Announcements, see "Inside Marshall"**

## SHARP mentors needed for 2004 summer session

**T**he Marshall Center's Education Programs Department is seeking volunteers to work with students during the 2004 session of the NASA Summer High School Apprenticeship Program. The program offers high school students an opportunity to participate in an eight-week science and engineering apprenticeship. Marshall volunteers, including researchers, scientists and other engineering professionals, serve as mentors to the students. For more information, call Jennifer Simmons at 961-7544.

## Mentors needed for Equal Opportunity summer internships

**M**entors from all technical directorates at the Marshall Center are needed for the Equal Opportunity Office 2004 Summer Internship Program. Mentors will work with undergraduate students for 10 weeks. For more information, call Madeline Hereford at 544-7420.

## New hours in effect for Bldg. 4200 lobby reception center

**O**perating hours for the Bldg. 4200 lobby reception center have been changed to 7 a.m.-5 p.m. weekdays. The main entrance door will be secured at 5 p.m. and will only be accessible by key card. Visitors arriving after 5 p.m. and on weekends must report to the west end of Bldg. 4312 to obtain a visitor badge. All after-hours visitors must be escorted at all times.

## Employee Preferences Survey due by Jan. 5

**N**ASA employees have received information on taking the computer-based Employee Preferences Survey. This is an Agency-wide research initiative to help shape improvements in NASA's recruitment and retention programs. All surveys are completely confidential and will be administered by an outside organization. The survey is not mandatory, but Vicki Novak, NASA assistant administrator for Human Resources, urges all

employees to participate by Jan. 5. For more information, see "Inside Marshall."

## U.S. Savings Bond program automated with Web site

**T**he U.S. Department of the Treasury has automated the U.S. Savings Bonds program. There will no longer be yearly savings bonds campaigns. Marshall team members can sign up and manage their own personal bond account by going to "Treasury Direct" at <http://www.tgasurydirect.gov>.

## Management Operations retirees to meet Dec. 18

**T**he Management Operations Office retirees will meet for brunch at 10 a.m. Dec. 18 at the Cracker Barrel Restaurant in Madison. For more information, call 539-0042.

## Marshall Star Classified Ad guidelines

- ☛ Classified ads due no later than noon Mondays, limit 15 words, including home phone number of seller. Only one phone number allowed per ad. Ads are subject to editing for length and clarity.
- ☛ Civil servants, contractors and Marshall retirees may run ads at no charge. No ads for real estate, timeshares or for goods and services manufactured or provided as a home occupation or business.
- ☛ Ads may be submitted by e-mail to [intercom@msfc.nasa.gov](mailto:intercom@msfc.nasa.gov). Electronic forms for onsite Marshall team members are on "Inside Marshall." Go to "Employee Resources" to find the form, or to the "News Sources" tab, click "MSFC News" and "Submit Marshall Star Classified Ad."
- ☛ Classified ads can be mailed to: Marshall Internal Relations and Communications Department, CD40, Bldg. 4200, Room 101, Marshall Space Flight Center 35812
- ☛ Organization codes and work phone numbers should be included for clarification. Retirees should include their former org code or department name.
- ☛ Ads must be resubmitted weekly. Ads cannot be submitted by phone.
- ☛ For more information, call Janie Crawford at 544-0514.

# Classified Ads

## Miscellaneous

- ★ R/C buggy, 1/8th scale, 4WD, gas-powered .21 engine w/radio, \$200. 883-8492
- ★ Boy's 26" bike, \$35; universal car carrier, \$25; trailer-hitch carrier, \$25. 534-9631
- ★ Clarinets: Vito, \$400; E-11 Buffet, \$850; Rovner Ligature, \$10. 881-1895
- ★ Nvidia GeForce2 400mx video card w/either 64, 128 or 256 meg on-board memory, \$30. 658-4893
- ★ Bay Colony solid Maple sideboard w/matching hutch top, \$500 for both. 883-0164
- ★ Grill-N-Go/Fire-N-Ice roll-around combination George Foreman type gas grill & cooler, never used, boxed. 233-0705
- ★ Green Bay Packers reversible jacket w/hood, never worn, 18 Youth or Lady's Petite, \$15. 880-7490
- ★ Kenmore washer, \$90; Frigidaire refrigerator, 18 cu. ft., frost-free, \$120. 837-6649
- ★ Sears heavy duty, all fabric dryer, \$25. 883-2948
- ★ NKC registered Olde English bulldog. 256-653-3613
- ★ Wedding dress, size 2, new. 651-3410
- ★ AKC registered Labrador Retriever, puppies, ready by Christmas, black & chocolate, shots/wormed, \$300. 931-0481
- ★ Sunbeam warming blanket, full, new in sealed package, pre-warm, 20 settings, \$45. 468-3749
- ★ American Bulldog pups, 4 girls, 2 boys, ready Dec. 2, \$150. 1-205-559-3700
- ★ Full-size truck toolbox, Better Built, chest style, \$100. 603-6434
- ★ Sharp Zaurus PDA, color display, Linux variant OS, built-in keyboard, SD slot, \$125. 776-3869 evenings
- ★ New 18" limited chrome wheels, Style 341 and tires, 225/40, used 2-weeks, \$2,000. 251-769-0813
- ★ Booster seat w/drink holder, toy caddy, \$15. 890-0755
- ★ Computer desk w/pull-out shelf for keyboard w/shelves, \$75; E-machine computer, 4 yrs. old, \$100. 519-9326
- ★ Dark green floral sofa, 3-cushion, \$65; gold floral armchair, \$40. 881-7182
- ★ Golf cart, Club Car, electric w/windshield, cover, new tires & new batteries, \$1,200. 682-1350
- ★ Excessed 2-, 4- and 5-drawer file cabinets, \$20 each. 890-0554
- ★ Formal Cherry entertainment center w/brass hardware, doors fold back, \$300. 519-9623
- ★ King-size waveless waterbed mattress, heater, 24 water coils, not fiberfill, \$150. 828-7152
- ★ Treadmill, Sears Pro-Form 860, 1-year old, quiet, auto-incline, \$550. 882-3601
- ★ Alpine skis, Atomic BetaCarv 10ex w/bindings, Centrix 614, 2002, 191cm, "Mid-Fat", all-terrain setup. 233-0705

- ★ RC Piccolo helicopter w/board, servos, 2NiMH batteries, req. 4chn radio/receiver, charger, never flown, \$250. 423-7436
- ★ NordicTrac, Sequoia, \$30. 880-9015
- ★ Taylor Made RAC OS Graphite stiff irons, 3-PW, played 4 rounds, \$395. 256-337-4180
- ★ 2000 Honda XR-250R dirt bike, low miles, well maintained, \$2,150. 256-498-5911
- ★ Queen-size sleeper sofa, 1 yr. old, \$200. 828-0756
- ★ Used Christmas tree, "silk" fir, two strings lights, \$15; four suitcases, various sizes, reasonable. 837-6776
- ★ 1977 Avion travel trailer, 27', for hunting, camping, or lake lot, \$4,500. 931-427-2059
- ★ Gateway Solo 2150 laptop, 160MB, 6GB HD, DVD, 14.1" screen, 56K modem, \$250. 464-0708
- ★ Vented Monessen L.P 27-inch logs, \$175; Nissan Quest center leather bucket seats, tan/taupe. 881-7000
- ★ Toy Kitchen, \$30. 256-655-2055
- ★ Soloflex exercise machine, manuals, butterfly & leg attachments included, \$120. 656-0461
- ★ Whirlpool refrigerator/freezer, side-by-side, white, ice/water in door, \$275; clothes washer, \$75. 683-9364
- ★ Large off-white overstuffed sofa & love seat, \$500; IMAC computer, \$100. 536-5132
- ★ Two tickets to "Cats", Feb. 1, 2 p.m., Row H, center, \$41.50 each. 881-0755
- ★ Leather motor jacket, tan, \$40; French Provincial dining room set, all-wood. 881-0883
- ★ Mobile home, 16'x80', 3BR, 2 fully baths, all appliances, \$12,000. 723-4777
- ★ Twin mattress & box spring, XL, 3 yrs. old, \$60 set. 256-721-0042
- ★ Bison Frise, 1-yr.-old male, intact, AKC registered, shots up-to-date. 852-2775
- ★ 2001 Bombardier DS650, less than 25 hrs. riding time, yellow w/red/black flame trim, \$4,900. 256-586-0162
- ★ R19 CertainTeed insulation, 16-pcs. 4' long, \$22; Deluxe dirt devil upright vacuum, \$35. 461-8369
- ★ Palm V accessories kit, modem, charger, wireless web, GSM upgrade, carrying cases, \$10. 772-8489
- ★ Envision 17" computer monitor, \$79. 489-0136
- ★ VOX Cambridge Twin 30-watt guitar amp. Two 10-inch Celestions. W/chrome stand, box, pedals. \$400 256-306-0700

## Vehicles

- ★ 2000 Mazda 626, 4-door, 41K miles, silver w/gray interior, ps/pb/pb/pl, CD cassette, a/c, \$9,950. 256-230-0806
- ★ 1996 Explorer Sport, 5-speed, new tires, 143K miles, \$4,600. 714-2578
- ★ 1995 Volvo wagon, 850, silver w/cloth interior, new tires, \$4,600. 931-937-6148
- ★ 1997 Ford Taurus GL, clean, dependable, \$3,150.

- 230-9315
- ★ 2002 Toyota Tacoma, 4WD, regular cab, auto, silver, bedliner, toolbox, 30K miles, \$16,500. 585-0473
- ★ 1997 Nissan Maxima SE, leather, Bose stereo, sunroof, 89K miles. 864-8173
- ★ 1996 Mitsubishi Eclipse RS, 5-speed, air, AM/FM cassette, electric sunroof, \$4,300. 256-603-0741
- ★ 1993 Grand Marquis, 172K miles, \$1,300. 776-9165
- ★ 1997 Ford F150, long wheel base, automatic, air, 125K miles, \$6,450. 534-7096
- ★ 1983 25th Anniversary Dayton TA, white/gray, pw/pb/pl, reworked transmission, new motor, 5.0/305, 122K miles. 772-9794
- ★ 2000 Hyundai Sonata GL 4 dr., 4 cyl, 28K miles, 60K BTB warranty, Stereo/CD, red, \$8,500. 721-3506
- ★ 1994 Lincoln Continental, 135K miles, new tires, two owners, garaged, \$3,570. 772-8718
- ★ 1999 Toyota Avalon XL, moonroof, leather, alloy wheels, side airbags, champagne, 78K miles, \$10,300. 880-9025
- ★ 1991 Explorer XLT, 4-door, leather, sunroof, 64K miles, new a/c, radiator/hoses, brakes. \$5,000. 880-6498
- ★ 1994 Mercedes E420, silver, leather, 95K miles, \$9,000. 509-3928

## Wanted

- ★ Playstation 2, new or used. 890-0755
- ★ Jack Russell Terrier puppy, 6-8 weeks old. 891-1073
- ★ Computer memory for older Gateway computer, PC133, SDRAM, 168 pin, DIMM. 883-2757
- ★ To trade: VBC Cats tickets on Friday, 1/30/04, for tickets to Sunday, 2/1/04 performance. 772-0266

## Free

- ★ Three 12-week old female black Lab puppies. 778-9768
- ★ Female cat, short fur calico, spayed, front de-clawed, all shots, indoor environment, affectionate. 534-5793
- ★ Hardwood, you cut and carry. 828-0103
- ★ Beagle female puppy, tri-color, 7-months, all shots. 216-1699

## Lost

- ★ Near Bldg. 4663 or 4610, Men's wedding band, size 9, Rocky Mountains etching, \$100 reward. 256-961-1817

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